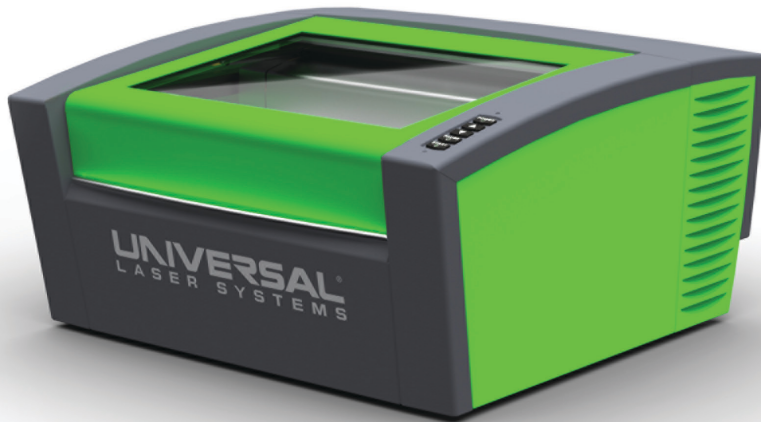


VLS2.30DT

16" x 12" Work Area



Uniquely Universal Features

Laser Interface+™

Universal Laser Systems has developed the world's most advanced, powerful and flexible laser print driver.

1-Touch Laser Photo™

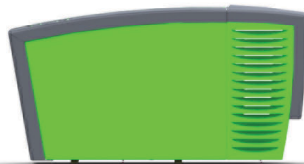
We developed this software to make any photographic image suitable for laser engraving.

Universal Laser Cartridges

Our exclusive line of patented CO2 Free-Space Gas Slab Lasers is designed specifically for the needs of laser cutting, engraving, graphic imaging and marking applications.

High Power Density Focusing Optics™

These optics allow the laser beam to be focused to a much smaller spot, producing sharper images at tighter tolerances.



Platform Overview

The desktop VLS2.30DT is a compact and economical platform designed to be an entry level laser machine for starting your laser material processing business. The VLS2.30DT is well suited to prototype development and on-demand production and also makes a capable second machine to handle production overflow. The VLS2.30DT offers a material processing envelope of 16" x 12" x 4", 768 in³ (406 x 305 x 102mm, 12,585 cm³) and can be equipped with one of three laser cartridges ranging in power from 10-30 watts. The VLS2.30DT comes standard with Laser Interface+ and a number of additional options are available to enhance your laser processing capabilities. All Universal laser platforms use interchangeable components, giving you the ability to tailor your system to fit your needs.

VLS2.30DT

16" x 12" Work Area

System Specifications

| | |
|-----------------------------------|---|
| Work Surface Area | 16 x 12 in (406 x 305mm) |
| Maximum Part Size | 18.75 x 14.6 x 4 in (476 x 368 x 102mm) |
| Dimensions | 26 x 14 x 25 in (661 x 356 x 635 mm) |
| Rotary Capacity | Max Diameter 5 in (127 mm) with 1.5 in (38.1 mm) lens Min Diameter 1 in (25.4 mm) with 2 in (50.8 mm) lens |
| Motorized Z Axis Lifting Capacity | 20 lbs (9 kg) |
| Available Focus Lenses CO2 | 1.5 in (38 mm) 2.0 in (51 mm) *standard |
| Laser Platform Interface Panel | Five button keypad |
| Operating System Compatibility | Requires a dedicated PC to operate. Compatible with Windows XP/Vista/7 32/64 bit |
| PC Connection | USB 2.0 |
| Optics Protection | Plumbed for compressed-air-based optics protection. |
| Cabinet Style | Desktop |
| Laser Options | 10, and 30 Watts |
| Approximate Weight | 70 lbs (32 kg) |
| Power Requirements | 110V/10A or 220V-240V/15A |
| Exhaust Connection | One 3 in (76 mm) port 150 CFM @ 6 in static pressure (255 m3/hr at 1.5 kPa) |

System Features

Laminated Safety Glass
Over-temp Alarm (for fire safety)
Multiple Automatic Focusing Modes
Precision Digital Motors
Multiple Language Support
Permanently Sealed Bearings Proportional
Pulse Control
Stretch-Free Kevlar[®] Belts

Laser Features

Laser Fan Control (to reduce noise) Smart
Lasers
Laser Pointer
Wide Selection of Power Levels
Air-Cooled Laser Cartridge
Patented Permalign[™]
No Optical Beam Alignment Required
Patented Cross-Platform Compatibility
Patented Free-Space Gas Slab Laser Design
High Reliability, Excellent Power Stability
Warranty Available Up To 5 Years

